



SpaRCIM

Ernesto Pimentel
ernesto@lcc.uma.es



A Spanish Research Consortium for Informatics and Mathematics

- Representative Spanish groups in Computer Science
 - Technical University of Madrid (UPM)
 - University of Málaga (UMA)
 - Rey Juan Carlos University (URJC)
 - Technical University of Valencia (UPV)
 - Technical University of Catalonia (UPC)
 - Artificial Intelligence Research Institute (IIA)
- Open to other Spanish institutions
- The main goal is to spread the activities of the ERCIM consortium to the Spanish mathematics and informatics research community.



Joint R&D Projects

- Some European networks and projects currently active:
 - NAME: Network of Agile Methods Experiences (URJC,UPV)
 - CologNet: Network of Excellence in Computational Logic (UPM,UPV,UMA)
 - AgentLink: European Network of Excellence for Agent-based Computing (UPM, URJC, IIIA, UPV)
 - PROENBIS: European Network in Business and Industrial Statistics (URJC, UPC, and some ERCIM members –VIT, CNR)
 - TED: Towards Electronic Democracy (URJC, UPM and some ERCIM members – CNR, Trinity College)
 - CASENET: Computer-Aided Solutions to Secure Electronic Commerce Transactions (UMA and some ERCIM members - Fraunhofer Gessellschaft)

Joint R&D Projects

- National activities:
 - Spanish Network on Databases (UPV,UMA,URJC,UPM,UPC)
 - Projects funded by Ministry of Science & Technology on:
 - ✓ Robotics (UPC, IIIA)
 - ✓ Constraints (IIIA, UPC, UPM)
 - ✓ Declarative Programming Paradigms (UPM, UPV, UMA)
 - ✓ Formal and Declarative Methods for Software Construction (UPM,UPV, UMA)
 - ✓ Software Engineering (UPV, UMA, URJC)
 - ✓ Soft Computing (IIIA, UPC)
 - ✓ Decision Support Systems (URJC, UPM)

Conferences and Workshops

- IEEE Fuzzy Conference (1997): IIIA, UPC
- EDBT'98 (6th Int. Conf. On Extending Database Technology)
- Autonomous Agents Conference (2000): IIIA, UPC
- European Conference on Machine Learning (2000): IIIA, UPC
- ECOOP 2002: UMA, UPV
- FMICS (2002): UMA and other ERCIM institutes
- SAS-LOPSTR-AGP (2002): UPM and other ERCIM institutes
- RDP 2003 Federated Conf. on Rewriting, Deduction and Programming (including RTA'03, FTP'03, TLCA'03, UNIF'03, RULE'03, IFIP Working Group 1.6 on Term Rewriting (WG 1.6))

Strategy meetings

- Steering Committee of the Federated Conferences on Software Technologies (UPV, UPM, UPC, URJC, UMA):
 - Software Engineering
 - Databases
 - Programming Languages
 - Digital Libraries
 - Formal Methods in Computer Science
- Annual meetings for projects coordination

Representation to Government Departments

- Manuel Hermenegildo (UPM): *Director, General Direction of Research. Ministry of Science and Technology*
- Juan José Moreno-Navarro (UPM): *Responsible of the Spanish Research Programme in Information and Communication Technologies*
- María Alpuente (UPV): *Coordinator of the Informatics and Computer Science area in ANEP.*
- Others:
 - Gonzalo León
 - Vicente Ortega
 - Fernando Aldana
 - Isidro Ramos
 - ...

ERCIM Contacts

- Director
Juan José Moreno Navarro (UPM)
- Executive committee member
Ernesto Pimentel (UMA)
- Newsletter editor
Salvador Lucas Alba (UPV)
- European Liaison Officer
Ramón López de Mántaras (IIIA)
- Mathematics Liaison
Enrique Zuazúa (MCyT)
- ERCIM correspondence
Esperanza Marcos (URJC)

Working groups of interest for SpaRCIM

- Applications of Numerical Mathematics in Science
- Constraints
- E-learning
- Electronic Commerce
- Environmental Modelling
- Formal Methods for Industrial Critical Systems
- Health and Information Technology
- Image Understanding
- Matrix Computations and Statistics
- Soft Computing
- User Interfaces for All
- Dependable Software-Intensive Systems

Finance

- Provided by Spanish Ministry of Science and Technology:

Budget:

78.000 €

Membership fee, durable eq., consumables, ...

Expectations

- To share experiences and develop coordinated projects in different areas.
- To actively participate in the current working groups.
- To promote new interesting actions in other fields of competence.
- To reactivate (if possible) former groups (*Programming Languages Technologies, Database Research.*)
- To participate in new project proposals with other ERCIM members.
- To use the ERCIM PhD mobility programme
- ...

